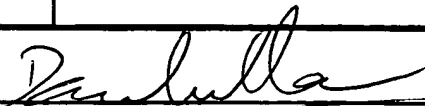
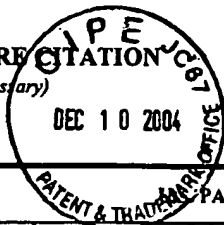
 INFORMATION DISCLOSURE CITATION <small>(Use several sheets if necessary)</small>				Docket Number (Optional) 15689.72		Application Number 09/880,453		
				Applicant(s) Motohiro Tanno et al.				
				Filing Date 6/13/2001		Group Art Unit 2634		
U.S. PATENT DOCUMENTS								
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
U.S. PATENT APPLICATION PUBLICATIONS								
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
FOREIGN PATENT DOCUMENTS								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
DA	1	10-112672	4/28/1998	Japan	H04B1	707	✓	
DA	2	11-008568	1/12/1999	Japan	H04B1	707	✓	
DA	3	07/140224	6/2/1995	Japan	G01S5	14	✓	
OTHER DOCUMENTS <small>(Including Author, Title, Date, Pertinent Pages, Etc.)</small>								
DA	4	Official Notice of Rejection Patent Application No. 2000-178747 Case No.: DCMH120012						
EXAMINER 				DATE CONSIDERED 05/10/05				
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.								

INFORMATION DISCLOSURE

(Use several sheets if necessary)



Docket Number (Optional)

15689.72

Application Number

09/880,453

Applicant(s)

Motohiro Tanno et al.

Filing Date

June 13, 2001

Group Art Unit

2681

PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
DA	1	5,818,869	10/6/1998	Miya et al.	375	206	May 15, 1997

U.S. PATENT APPLICATION PUBLICATIONS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
DA	2	WO 99/43102	8/26/1999	WIPO	H04B7	04	✓	
DA	3	WO 00/11876	3/2/2000	WIPO	H04Q	A2	✓	
DA	4	EP 0 963 060 A2	12/8/1999	Europe	H04B7	06	✓	
DA	5	EP 1 109 325 A2	6/20/2001	Europe	H04B1	707	✓	
DA		EP 1 130 793 A1	9/5/2001	Europe	H04B 1	707	✓	

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

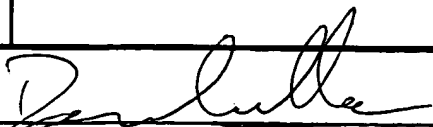
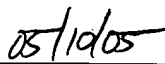
EXAMINER

[Signature]

DATE CONSIDERED

10/10/05

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)				ATTY DOCKET NO. 15689.72		APPLICATION NO. 09/880,453		
				APPLICANT(S) Motohiro Tanno, et al.				
FILING DATE June 13, 2001				GROUP ART UNIT 2681				
U.S. PATENT DOCUMENTS								
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
U.S. PATENT APPLICATION PUBLICATIONS								
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
<i>PH</i>	7	EP 0 996 237 A1	4/26/2000	Europe	H04B7	005	✓	
<i>PH</i>	8	WO 99/12295	3/11/1999	WIPO	H04J13	00	✓	
<i>PH</i>	9	WO 99/20023	4/22/1999	WIPO	H04L27	233	✓	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)								
EXAMINER				DATE CONSIDERED				
								
<small>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small>								